|   |                              |          |           |           |           |          |          |           |         |              |             |          |          | 10/809,032 |                 |                         |                 |            |                |         |       |                        | SEFCIK ET AL. |          |          |                    |              |              |                 |         |          |  |
|---|------------------------------|----------|-----------|-----------|-----------|----------|----------|-----------|---------|--------------|-------------|----------|----------|------------|-----------------|-------------------------|-----------------|------------|----------------|---------|-------|------------------------|---------------|----------|----------|--------------------|--------------|--------------|-----------------|---------|----------|--|
|   |                              |          |           |           |           |          |          |           |         |              |             |          |          | Examiner   |                 |                         |                 |            |                |         |       |                        | Art Unit      |          |          |                    |              |              |                 |         |          |  |
| _ |                              |          |           |           |           |          |          |           |         |              |             |          |          |            | Rodney H. Bonck |                         |                 |            |                |         |       |                        |               | 3681     |          |                    |              |              |                 |         |          |  |
|   | √ Rejected (Through numeral) |          |           |           |           |          |          |           |         |              |             |          |          |            |                 | 1)                      | 1               |            |                |         |       |                        |               | П        | •        |                    |              |              | $\neg$          |         |          |  |
|   | √ Rejected                   |          |           |           |           |          |          |           |         | Cancelled    |             |          |          |            |                 |                         | ] ]             | N Non-Elec |                |         | lec   | ted                    |               | A        | Appeal   |                    |              |              | _               |         |          |  |
|   | = Allowed                    |          |           |           |           |          |          |           | -       | F            | Restricted  |          |          |            |                 |                         |                 | ·ı         | Interference O |         |       |                        | o             | Objected |          |                    |              |              |                 |         |          |  |
|   | Claim                        |          |           |           |           | Date     |          |           |         |              | Claim       |          |          |            |                 | •                       |                 |            |                | Cli     | Claim |                        | Date          |          |          |                    |              | 1            |                 |         |          |  |
|   | _                            | lal      | က္ခ       | 8         |           |          |          |           | $\prod$ | $\prod$      | <b>1</b> [  | _        | -B       |            |                 | Т                       | П               |            |                |         |       |                        |               | П        | T        | Т                  | Π            | $\Pi\Pi$     |                 |         | 1        |  |
|   | Final                        | Original | 8/28/05   | 7         | $\forall$ |          | İ        |           |         |              |             | Final    | Original |            |                 |                         |                 |            |                |         |       | Final                  | Original      |          | ŀ        |                    |              |              |                 |         |          |  |
|   | $\vdash$                     | <u>a</u> | 7         | 긠         | 누         | -        | +        | +         | +       | +-           | ┨┞          |          | 51       | ╁          | ╬               | ┿                       | Н               | $\dashv$   | $\dashv$       | +       | ┨╶    | -                      | 101           | $\vdash$ | +        | +                  | ╁            | $\vdash$     | ╁               | +       | -        |  |
|   |                              | 2        |           | Ī         | 士         |          | I        |           |         |              | 1 [         |          | 52       |            | $\top$          |                         |                 |            |                |         | 1     |                        | 102           |          | †        | $\dagger$          | $\vdash$     | $\vdash$     | 一十              | +       | i        |  |
|   |                              | 3        | 4         | Щ         | 4         | _        | 4        | 4         | 4       | 4-           | ļ           |          | 53       | 4          | $\bot$          |                         |                 |            |                |         |       |                        | 103           | П        | $\Box$   | $oldsymbol{\perp}$ | oxdot        |              | П               | $\perp$ | ]        |  |
|   |                              | 5        | ╫         | H         | $\dashv$  | -        | $\dashv$ | $\dashv$  | +       | +            | ł           |          | 54<br>55 | +          | +               | ╁                       | $\vdash$        | -          | -              |         | -     | <del> </del>           | 104<br>105    | $\vdash$ | -        | +                  | ╁            | ┝            | $\vdash$        | +       | 4        |  |
|   |                              | 6        | $\forall$ | Н         | -         | 7        | 十        | +         | 十.      | ╅╴           | ┧┟          | _        | 56       | 十          | +               | ╁                       | Н               | ᅱ          |                | +       | ┨     |                        | 105           | $\vdash$ | +        | +-                 | ╁            | ⊢            | $\vdash \vdash$ | +       | ┥        |  |
|   |                              | 7        | 1         | П         | $\Box$    |          |          |           | 工       | 工            | 1 E         |          | 57       | 士          | 1               |                         |                 |            |                |         | 1     |                        | 107           |          |          |                    |              | Ŀ            |                 | 1       | 1        |  |
|   |                              | 8        | Щ         | П         |           |          | $\Box$   |           | 4       | 4_           | ļ           |          | 58       |            | $\perp$         |                         |                 |            |                | $\bot$  | ]     |                        | 108           | П        | $\perp$  | $oxed{\Box}$       |              |              | $\Box$          |         | ]        |  |
|   |                              | <b>9</b> | ╢         | H         | -1        | 4        | +        | 4         | +       | +-           | ┨┠          | _        | 59<br>60 | +          | +               | +                       | Н               | $\dashv$   | $\dashv$       | +       | 4     | _                      | 109<br>110    | -        | +        | +                  | ┼            | <del> </del> | $\vdash$        | +       | 4        |  |
|   |                              | Ö        | ╫         | Н         | 寸         | +        | $\dashv$ | $\forall$ | +       | ╁┈           | ┧┟          |          | 61       |            | +               | ╁                       | $\vdash$        | ᅱ          | -              | +       | ┨.    | H                      | 111           | $\vdash$ | +        | ╁                  | ╁╾           | ┢            | $\vdash$        | ╁       | 1        |  |
|   |                              | 12       | 11        | П         | T         |          |          | $\top$    | _       |              | ן נ         |          | 62       |            | $\top$          | $\top$                  | $\Box$          | 寸          |                | $\top$  | 1     | Н                      | 112           |          | _        | +                  | T            | 一            | $\vdash$        | 十       | 1        |  |
|   |                              | 13       | $\prod$   | П         | $\Box$    |          | $\Box$   | $\Box$    |         |              | ] [         |          | 63       |            |                 |                         |                 |            | $\Box$         |         |       |                        | 113           |          |          |                    |              |              |                 |         | ]        |  |
|   |                              | 14<br>15 | -         | H         |           |          | -        | 4         | +       | 4-           | Į ├         |          | 64<br>65 | -          | 4-              |                         | Ш               | 4          | $\dashv$       | -       | 4     | <u> </u>               | 114           | $\vdash$ | $\dashv$ | +                  | ╀            | ┡            | $\sqcup$        | _       | 1        |  |
|   | -                            | <b>6</b> | ╁         | ╁┤        | $\dashv$  | $\dashv$ | +        | +         | +       | +            | 1 ト         |          | 66       | +          | ┿               | ╌┼╌                     | $\vdash$        | $\dashv$   |                | +       | -     | -                      | 115<br>116    | $\vdash$ | +        | ┿                  | ╁            | ├            | H               | +       | ╡        |  |
|   |                              |          |           | 7         | $\dashv$  | $\dashv$ | +        | +         | $\top$  | ╅            | 1           | _        | 67       | 十          | ╅               | +-                      | $\vdash$        | ┪          |                | 十       | 1     | $\vdash$               | 117           | $\vdash$ | +        | 十                  | ╁╌           | $\vdash$     | H               | +       | 1        |  |
| Ī |                              | 18       |           |           | $\Box$    | $\Box$   |          |           |         | I            |             |          | 68       |            |                 |                         |                 |            |                |         | ]     |                        | 118           |          | 工        |                    |              |              |                 | 1       | <u> </u> |  |
|   |                              | 19       | 4         | 4         | 4         | 4        | 4        | 4         | $\perp$ | $\perp$      | 1 1         |          | 69       | _          | $\perp$         | $\perp$                 |                 | _          | $\dashv$       |         | _     |                        | 119           | П        |          | $\perp$            |              |              | П               |         | ]        |  |
|   |                              | 20<br>21 | +         | ┥         | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  | +       | ╫            | ┨           | -        | 70<br>71 | +          | +               | +                       | $\vdash \vdash$ | ┥          | $\dashv$       | -       | -     |                        | 120<br>121    | $\vdash$ | +        | +                  | ┼-           | -            | $\vdash \vdash$ | +       | -{       |  |
|   | -                            | 22       | 7         | $\dashv$  | +         | 7        | $\dashv$ | +         | +       | ╁╴           | 1           | $\neg$   | 72       | ╌          | ╁               | ╁                       | H               | $\dashv$   | 1              | +       | ┪╎    |                        | 122           | $\vdash$ | +        | +                  | +            | $\vdash$     | H               | +       | ┨.       |  |
|   |                              | 23       | ╛         | ╗         | 丁         | $\Box$   | $\Box$   | $\Box$    |         |              | 1 E         |          | 73       |            |                 |                         |                 |            |                |         | ]     |                        | 123           |          | 土        | I                  |              |              |                 | T       | ]        |  |
|   |                              | 24       | 4         | _         | 4         | 4        | 1        | $\dashv$  | _       | <del> </del> | <b> </b>    |          | 74       | 4          | $\bot$          | T                       |                 | $\Box$     | 4              |         |       |                        | 124           | П        | Ц.       |                    | _            | oxdot        |                 | I       |          |  |
|   |                              | 25<br>26 | $\dashv$  | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$ | +         | +       | +-           | <del></del> | $\dashv$ | 75<br>76 | -          |                 | ╀                       | Н               | -          | $\dashv$       | +       | -     | $\vdash$               | 125<br>126    | -        |          | +                  | ┼            | ├-           |                 |         | 4        |  |
|   |                              | 27       | 1         | $\dashv$  | +         | $\dashv$ | $\dashv$ | ╅         | $\pm$   | +            | ┧┟          | $\dashv$ | 77       | +          | ┿               | +                       | Н               | ┪          | -+             | +       | 1     |                        | 127           | $\vdash$ | ╁        | ╁                  | ╁            | $\vdash$     | $\vdash$        | ╁       | 1        |  |
|   |                              | 28       |           |           |           |          | $\Box$   |           | 士       |              |             |          | 78       | 士          | 士               | 士                       |                 |            |                |         | 1     |                        | 128           |          |          | 士                  |              |              |                 | 十       | 1        |  |
|   |                              | 29       | _         | 4         | $\perp$   | _        |          |           | $\perp$ | $\perp$      |             |          | 79       | $\Box$     | T               | $\perp$                 | П               |            |                |         |       |                        | 129           |          | $\Box$   | $oldsymbol{\perp}$ | $\Box$       |              | П               | $\top$  | ]        |  |
|   |                              | 30       | -+        | -         | -         | $\dashv$ | +        | +         | +       | +            | ł⊦          | $\dashv$ | 80<br>81 | +          | +               | +-                      | Н               | $\dashv$   | $\dashv$       | +       | -  .  | $\vdash$               | 130           | Н        | +        | +-                 | -            | _            | Н               | +       | ┨        |  |
|   |                              | 32       | ᆉ         | -         |           | +        | +        | $\pm$     | +       | ┿            | ┧┝          | $\dashv$ | 82       | +          | ╁               | ╁                       | Н               | ┪          | $\dashv$       | ┥-      | -     | ┝─┤                    | 131<br>132    | $\dashv$ | ╌        | ┿                  | ╁╌           | Н            | H               | +       | ┨        |  |
| j |                              | 33       |           |           |           |          | 土        | $\exists$ |         | T            | 1 [         |          | 83       | T          |                 |                         |                 |            | $\Box$         |         | 1     |                        | 133           | Ħ        | $\top$   | +                  | T            |              | Н               | $\top$  | 1        |  |
|   |                              | 34       | $\Box$    | $\dashv$  | $\Box$    | $\Box$   | $\Box$   | $\Box$    | $\bot$  | $\perp$      | ] [         |          | 84       |            | Ţ               | $oldsymbol{\mathbb{L}}$ |                 |            | $\Box$         |         | ]     |                        | 134           |          |          | I                  |              |              |                 | I       | 1        |  |
|   | -+                           | 35<br>36 | $\dashv$  | $\dashv$  | +         | +        | +        | -         | +       | +            | ∤ ⊦         |          | 85<br>86 | -          | +               | +                       | $\vdash$        | 4          | $\dashv$       | - -     | ┨╏    | $\vdash$               | 135           | 1        | 4        | +                  | <del> </del> |              | 4               | +       | 4        |  |
|   |                              | 37       | $\dashv$  | $\dashv$  | $\dashv$  | ┪        | ┰        | +         | +       | +            | ┨           | -        | 87       | +          | +               | +                       | $\vdash$        | $\dashv$   | $\dashv$       |         | ┨╏    | Н                      | 136<br>137    | $\vdash$ | +        | ╁                  | $\vdash$     | ┢            | -               | +       | ┥        |  |
|   |                              | 38       | 1         | $\exists$ | $\dashv$  | 7        | +        | +         | +       | T            |             |          | 88       | 十          | +               | $\top$                  | П               | ᅥ          | ┪              | ┪       | 1     | $\vdash$               | 138           |          | +        | 十                  | 1-           | ┪            | $\dashv$        | +       | 1        |  |
|   |                              | 39       | $\Box$    |           | 1         | $\Box$   | $\Box$   | 1         | $\perp$ |              |             |          | 89       | $\Box$     | T               |                         |                 |            | $\Box$         |         | ]     |                        | 139           |          | I        | I                  |              |              |                 |         | ]        |  |
|   |                              | 40<br>41 | +         | 4         | +         | 4        | 4        | +         | +       | +            | -           | _        | 90       | $\perp$    | +               | +                       | $\sqcup$        | 4          | 4              | 4       | 4     | $\vdash \vdash \vdash$ | 140           | $\sqcup$ |          | +                  |              |              | П               |         | 1        |  |
|   |                              | 41       | +         | $\dashv$  | +         | +        | +        | +         | +-      | +-           | -           | $\dashv$ | 91<br>92 | $\dashv$   | +               | +                       | ╁╌┨             | -          | $\dashv$       | +       | -     | $\vdash \vdash$        | 141<br>142    | $\vdash$ | +        | +-                 | -            | $\vdash$     | $\dashv$        | +       | -        |  |
|   |                              | 43       | _         | _†        | _         | _        | _        | $\dagger$ | _       |              | j           |          | 93       |            | +               | †                       | $\vdash$        | 1          | $\dashv$       | +       | 1     |                        | 143           | $\vdash$ | +        | +                  | $\vdash$     |              | $\vdash$        | +-      | 1        |  |
| l |                              | 44       |           |           |           |          |          |           |         |              |             |          | 94       |            | I               |                         |                 |            |                | 工       | ]     |                        | 144           |          | 士        | I                  |              |              |                 |         |          |  |
|   |                              | 45       | 4         | 4         | -         | -        | 1        | -         |         | -            | -           | _        | 95       |            | +               | -                       | $\sqcup$        |            | 1              |         | 4 1   |                        | 145           | $\Box$   | -        |                    |              |              |                 |         |          |  |
| 1 |                              | 46<br>47 | +         |           | +         | +        | +        | +         | +       | +-           | l F         |          | 96<br>97 | +          | +               | +                       | $\vdash$        | -          | +              | +       | 1     |                        | 146<br>147    |          | +        | +-                 | -            | -            | +               | +-      |          |  |
|   |                              | 48       | 十         | +         | $\dashv$  | +        | +        | +         | - -     | +            |             | ᅱ        | 98       | +          | +               | 十                       | H               | +          | ┪              | +       |       |                        | 148           |          | +        | ╁                  | <del> </del> | $\vdash$     |                 | - -     |          |  |
| [ |                              | 49       | $\Box$    | $\Box$    |           |          | Ţ        | I         |         |              |             |          | 99       |            |                 |                         |                 | J          | 丁              | $\perp$ | ]     |                        | 149           |          |          |                    |              |              |                 |         | ]        |  |
|   |                              | 50       | - 1       | - 1       |           | - 1      | - 1      | ł         | - 1     | 1            |             | - 1      | 100      |            | 1               |                         | ΙÍ              | ſ          | Π              | 1       | 1     | ı – T                  | 150           | П        |          | 1                  |              |              | T               |         | 1        |  |

Application/Control No.

Index of Claims

Applicant(s)/Patent under Reexamination